

Derwent abstract - JP 63-273646

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Polysulphide resins prodn. - by reacting S,S'-bis-(silylated) dithiol(s) with dihalide(s) in presence or absence of catalysts and organic solvents

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Patent Family: 2 patents, 1 countries

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 63273646	A	19881110	JP 1987108238	A	19870430	198851	B
JP 1995116296	B2	19951213	JP 1987108238	A	19870430	199603	E

Priority Applications (no., kind, date): JP 1987108238 A 19870430

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 63273646	A	JA	5		
JP 1995116296	B2	JA	5	0	Based on OPI patent JP 63273646

Alerting Abstract JP A

Polysulphide resins of formula S-R1-S-R2n (I) are produced by reacting (1) one or more S,S'-bis (silylated) dithiols of formula (II) with (2) one or more dihalides of formula X-R2-X (III) in the presence or absence of (3) catalysts and (4) organic solvents. In the formulae, R1, R2 = one or more dihydric organic gps.; n = at least 2; R3-R5 = 1-3C aliphatic organic gps. or phenyl gp.; X = a halogen atom.

Trialkylsilyl gps. include trimethylsilyl (pref.), triphenylsilyl, ethyldimethylsilyl gp. (2) includes e.g. 4,4'- dichloro-3,3' -dinitrodiphenylsulphone (cpd. I), 4,4-diflorobenzo-phenone, 1,4-dichlorobenzene. Solvents include e.g., N,N-dimethylformamide, N-methyl-2-pyrrolidone, sulphorane. Catalysts are e.g. potassium fluoride, secium fluoride.

ADVANTAGE - Polysulphide resins having a mol. wt. larger than that of the polysulphide resins produced by the conventional method, and with good heat resistance. The polysulphide resins are easily purified.

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